



In Vitro Toxicology Society

Annual Meeting 2010

Programme

REACHing regulatory requirements *in vitro*

Tue 2nd-Wed 3rd November 2010

Crowne Plaza Hotel, Liverpool, UK.



St Nicholas Place, Pier Head, Liverpool, L3 1QW.

Tel: +44 (0) 151 243 8000 | **Fax:** +44 (0)151 243 8111 |
enquiries@cpliverpool.com | www.cpliverpool.com

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Meeting Information

Registration and accommodation:

- Registration: Delegate £180, IVTS member £130, IVTS Student member £80, BTS member £160, Day rate (Day 1 or Day 2) £120
- IVTS members, IVTS students and BTS members please contact [The IVTS Membership Secretary](mailto:Jeff.penny@manchester.ac.uk) (Jeff.penny@manchester.ac.uk) for a members' discount code before registering (BTS membership number required for BTS members)
- For registration please go to http://www.regonline.co.uk/reaching_IVTS
- For the most up to date meeting programme please go to www.ivts.org.uk
- Registration deadline: 31 October 2010
- Accommodation can be booked at the Crowne Plaza. Alternative accommodation is also offered by HotelsCombined.com who are offering a 10% rebate all participants attending the meeting.

Abstracts and posters

- There will also be a poster session throughout the meeting. Please contact James.sidaway@astrazeneca.com if you would like to submit a poster.

Programme

Day 1

11:00 – 12:55 **Registration**

12:00– 12:55 **Lunch, Exhibitor and Poster viewing**

12:55 - 13:00 **Welcome,**
James Sidaway, IVTS Chairman

Session 1: Introduction to REACH and the regulator's perspective

Chair: Robert Guest (Harlan)

13:00 – 13:30 **Introduction to REACH**
George Cartlidge (European Chemicals Agency)

13.30 – 14:00 **UK regulatory perspective and current *in vitro* approaches-**
Ian Indans (Health and Safety Executive, UK)

14:00 – 14.30 **Environmental testing and REACH**
Andrew Cossins (University of Liverpool, UK)

14:30 – 14:50 **Tea break**

Session 2: *In vitro* tests for short-term endpoints and validation programmes

Chair: Rosemary Gibson (Health and Safety Laboratory)

14.50 – 15.20 **Validated and emerging tests for skin and eye irritation and corrosion**
Robert Guest (Harlan, UK)

15:20 – 15:50 **Skin Penetration Methods in Short Term Tests for REACH: OECD Test Guideline No. 428**
Clive Roper (Charles River, UK)

15:50 – 16:20 **Acute toxicity test and validation programmes**
Rosemary Gibson (Health and Safety Laboratory)

16:20 – 16:50 **Use of *in vitro* data for classification and labelling of chemicals**
Chantra Eskes (SeCAM, Switzerland)

17:00 – 17:30 **IVTS AGM**

Day 2

Session 3: Challenging areas:

Chair: Camilla Pease (Environment Agency, UK)

- 09:00 – 09:40** **Potential improvements in mutagenicity testing**
David Kirkland (Kirkland Consulting, UK)
- 09:40 – 10:20** **Skin sensitization models**
Rebecca Dearman (Manchester University, UK)
- 10:20 – 10:40** **Coffee break**
- 10:40 – 11:20** **Alternative model systems for developmental toxicity and neurotoxicity**
Hilda Witters (Centre for Advanced Research & Development on Alternative Methods, Belgium)
- 11:20 – 12:00** **NC3RS perspective**
Stuart Creton (NC3RS, UK)
- 12:00 – 13:30** **Lunch, Exhibitor and Poster viewing**
- 13:30 – 13:50** **IVTS Poster Prize awarded at 2010 BTS Congress**
The chemical and molecular basis of mammalian cell susceptibility to cell death induced by the artemisinin antimalarials

Amy Mercer (University of Liverpool, UK)

Session 4: Predictive and emerging technologies

Chair: Pratibha Mistry (Syngenta)

- 13:50 – 14:20** **Using In Silico Techniques to Predict Toxicity: (Q)SARs, Grouping, Categories and Read Across**
Mark Cronin (John Moores University, UK)
- 14:20 – 14:50** **Inhalation tox / *in silico* modelling**
Raymond Agius (Manchester University, UK)
- 14:50 – 15:20** **Bridging the *in vitro* – *in vivo* gap: opportunities for lab-on-a-chip technologies**
Geny Groothuis (University of Groningen, Netherlands)
- 15:20 – 15:40** **Tea break**
- 15:40 – 16:10** **High-content screening of small compounds on human embryonic stem cells**
Ivana Barbaric (University of Sheffield, UK)
- 16:10 – 16:40** **Advances in the assessment of acute/long-term and repeated dose inhalation toxicity *in vitro***
Samuel Constant (Epithelix Sàrl, Switzerland)

16:40 – 17:00

Poster prize award, CPD certificates

Close of meeting